Research Associate / PhD Position on Wayfinding in the EU-funded project Wayfinding Through Orientation [http://wayto.uni-muenster.de] @ Münster, Germany

The Spatial Intelligence Lab at the Institute for Geoinformatics (University of Münster) invites applications for a Research Associate in the EU-funded project Wayfinding Through Orientation (full-time, 3 years).

**The Research Project “Wayfinding Through Orientation”**: Dominant approaches in computer-assisted wayfinding support adhere to the problematic principles of turn-by-turn navigation. This research project suggests a new way to communicate navigation instructions that support the acquisition of spatial knowledge and cognitive mapping for advancing users’ spatial orientation. Being oriented on one’s way is a prerequisite to enabling people to verify instructions and to incorporate new spatial information into their existing knowledge structure. This requires the development of: (a) new means of communication integrating orientation information into route directions, and (b) new map schematizations that account for the characteristics of orientation information. The offered PhD position should investigate the visualization of orientation information in a dynamically changing map on small displays of mobile devices in a navigation scenario.

**Who we are looking for**: Applicants should have a keen interest in interdisciplinary research and a background in at least one of the following disciplines: GI Science, computer science, or cognitive science. Applicants should submit a CV and a 1-page statement of interest specifying why they are interested in WayTO, how their interests/expertise would contribute to the project, and outline the preferred starting time. Please submit your application by e-mail until no later than **10.10.2017** to Prof. Angela Schwering (schwering@uni-muenster.de).

This fixed-term post is available for a three-year period. Currently, the regular full-time employment time is 39 hours and 50 minutes per week. All posts can, as a rule, also be filled as part-time positions if there are no compelling workrelated reasons against doing so. Pursuing a PhD within this position is possible. The University of Münster is an equal opportunity employer and is committed to increasing the proportion of women academics. We encourage applications by women. Female candidates with equivalent qualifications and academic achievements will be preferentially considered within the framework of the legal possibilities. We also welcome applications from candidates with severe disabilities. Disabled candidates with equivalent qualifications will be preferentially considered.